

Appendix - Marked Up Version of Amended Claim Showing Changes

44. (Twice amended) An isolated nucleic acid molecule comprising a polynucleotide sequence selected from the group consisting of:
- (a) a polynucleotide sequence encoding the amino acid sequence of amino acid residues 65 to 70 of SEQ ID NO:2;
 - (b) a polynucleotide sequence encoding the amino acid sequence of amino acid residues 118 to 124 of SEQ ID NO:2;
 - (c) a polynucleotide sequence encoding the amino acid sequence of amino acid residues 1 to 20 of SEQ ID NO:2;
 - (d) a polynucleotide sequence encoding the amino acid sequence of amino acid residues 1 to 66 of SEQ ID NO:2;
 - (e) a polynucleotide sequence encoding the amino acid sequence of amino acid residues 5 to 108 of SEQ ID NO:2;
 - (f) a polynucleotide sequence encoding the amino acid sequence of amino acid residues 5 to 128 of SEQ ID NO:2;
 - (g) a polynucleotide sequence encoding the amino acid sequence of amino acid residues 21 to 40 of SEQ ID NO:2;
 - (h) a polynucleotide sequence encoding the amino acid sequence of amino acid residues 40 to 108 of SEQ ID NO:2;
 - (i) a polynucleotide sequence encoding the amino acid sequence of amino acid residues 41 to 60 of SEQ ID NO:2;
 - (j) a polynucleotide sequence encoding the amino acid sequence of amino acid residues 47 to 108 of SEQ ID NO:2;
 - (k) a polynucleotide sequence encoding the amino acid sequence of amino acid residues 61 to 80 of SEQ ID NO:2;
 - (l) a polynucleotide sequence encoding the amino acid sequence of amino acid residues 65 to 108 of SEQ ID NO:2;
 - (m) a polynucleotide sequence encoding the amino acid sequence of amino acid residues 65 to 128 of SEQ ID NO:2;
 - (n) a polynucleotide sequence encoding the amino acid sequence of amino acid residues 81 to 100 of SEQ ID NO:2;

- (o) a polynucleotide sequence encoding the amino acid sequence of amino acid residues 88 to 108 of SEQ ID NO:2;
- (p) a polynucleotide sequence encoding the amino acid sequence of amino acid residues 88 to 128 of SEQ ID NO:2;
- (q) a polynucleotide sequence encoding the amino acid sequence of amino acid residues 108 to 120 of SEQ ID NO:2;
- (r) a polynucleotide sequence encoding the amino acid sequence of amino acid residues 114 to 128 of SEQ ID NO:2;
- (s) a polynucleotide sequence encoding the amino acid sequence of amino acid residues 101 to 133 of SEQ ID NO:2; and
- (t) a polynucleotide sequence encoding the amino acid sequence of amino acid residues 47 to 128 of SEQ ID NO:2; [and
- (u) a polynucleotide sequence complementary to (a), (b), (c), (d), (e), (f), (g), (h), (i), (j), (k), (l), (m), (n), (o), (p), (q), (r), (s) or (t) above;] wherein said polynucleotide sequence [of (a)-(t)] is operatively associated with transcription and translation regulatory elements to direct transcription and translation of a polypeptide comprising said amino acid sequence.

73. (Twice amended) A method for producing a polypeptide encoded by the nucleic acid molecule of claim 44 [(a) - (t)], comprising:

- (a) culturing a host cell comprising the nucleic acid molecule under conditions suitable to produce the polypeptide; and
- (b) recovering the polypeptide from the cell culture.